



cofc

PATENT

I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to Certificate of Correction Branch, Commissioner for Patents, PO Box 1450 Alexandria, VA 22313.

12 August 2005  
Date

Carol Nottenburg  
Carol Nottenburg

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Andrzej Kilian and David Bowtell  
Application No: : 09/502,424  
Patent No. : 6,916,642  
Filed : February 11, 2000  
For : VERTEBRATE TELOMERASE GENES AND PROTEINS AND USES THEREOF  
Docket No. : TMGL 407C1  
Date : August 12, 2005

Certificate  
AUG 19 2005  
of Correction

Certificate of Correction Branch  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313

REQUEST FOR CERTIFICATE OF CORRECTION  
PURSUANT TO 37 C.F.R. §1.322

Sir:

Patentee's Assignee hereby respectfully requests the Commissioner to issue a Certificate of Correction for the above-captioned patent to correct the claims. Please correct claims as set out in the Form PTO/SB/44 attached to this request.

The corrections to Claim nos: 18 and 26 relate to typographical errors on the part of the Patent Office. The corrections to the remainder of the claims are the result of an Examiner's amendment as noted in the Notice of Allowance of January 14, 2004 not being input into the final claim set.

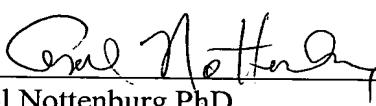
Therefore, the Patentee's Assignee respectfully requests that the Commissioner issue, without charge, a Certificate of Correction stating the fact and nature of such mistake, under seal, to correct the claims, and that the Correction be recorded pursuant to 35 U.S.C. § 254.

AUG 23 2005

AUG 23 2005

Kindly forward the Certificate of Correction to the undersigned attorney of record for the Assignee.

Respectfully submitted,  
The Monticello Group, Ltd

  
Carol Nottenburg PhD

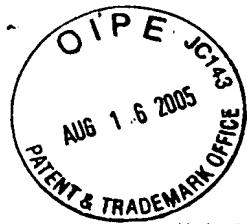
Registration No. 39,317

Customer No: 39124

Enclosures:

- Transmittal form
- Form PTO/SB/44 (3 pages)
- Postcard

AUG 23 2005



PTO/SB/21 (09-04)  
Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

6

|                        |                       |
|------------------------|-----------------------|
| Application Number     | 09/502,424            |
| Filing Date            | 11 FEBRUARY 2000      |
| First Named Inventor   | ANDRZEJ KILIAN        |
| Art Unit               | 1652                  |
| Examiner Name          | MALGORZATA A WALICKDA |
| Attorney Docket Number | TMGL 407C1            |

### ENCLOSURES (Check all that apply)

|   |   |   |
|---|---|---|
| <input type="checkbox"/> Fee Transmittal Form                             | <input type="checkbox"/> Drawing(s)                                       | <input type="checkbox"/> After Allowance Communication to TC                                      |
| <input type="checkbox"/> Fee Attached                                     | <input type="checkbox"/> Licensing-related Papers                         | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences               |
| <input type="checkbox"/> Amendment/Reply                                  | <input type="checkbox"/> Petition   | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)           |
| <input type="checkbox"/> After Final                                      | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information  |
| <input type="checkbox"/> Affidavits/declaration(s)                        | <input type="checkbox"/> Power of Attorney, Revocation                    | <input type="checkbox"/> Status Letter  |
| <input type="checkbox"/> Extension of Time Request                        | <input type="checkbox"/> Change of Correspondence Address                 | <input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below):                   |
| <input type="checkbox"/> Express Abandonment Request                      | <input type="checkbox"/> Terminal Disclaimer                              | <input type="checkbox"/> Request for Certificate of Correction pursuant to 37 CLR 1.322 (2 pages) |
| <input type="checkbox"/> Information Disclosure Statement                 | <input type="checkbox"/> Request for Refund                               | <input type="checkbox"/> PTO/SB/44 Certificate of Correction (3 pages)                            |
| <input type="checkbox"/> Certified Copy of Priority Document(s)           | <input type="checkbox"/> CD, Number of CD(s) _____                        | <input type="checkbox"/> Landscape Table on CD  |
| <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application   | <input type="checkbox"/> Remarks  |   |
| <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 |   |   |

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

|              |                   |          |        |
|--------------|-------------------|----------|--------|
| Firm Name    | COUGAR PATENT LAW |          |        |
| Signature    |                   |          |        |
| Printed name | CAROL NOTTENBURG  |          |        |
| Date         | 12 August 2005    | Reg. No. | 39,317 |

### CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

|                       |                  |      |             |
|-----------------------|------------------|------|-------------|
| Signature             |                  |      |             |
| Typed or printed name | CAROL NOTTENBURG | Date | 12 Aug 2005 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

AUG 23 2005

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

PATENT NO. : 6,916,642B1

Page 1 of 3

APPLICATION NO.: 09/502,424

ISSUE DATE : July 12, 2005

INVENTOR(S) : Andrzej Kilian and David Bowtell

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**In Claim 1:**

Line 2-3, replace "result in" with -- encode--.

Line 3, replace "encoding" with --of--.

Line 6-7, replace "sequences X (comprising SEQ ID NO:32) at" with --alternative intron/exon X comprising SEQ ID No:32 at its 5' -end following--.

Line 9, replace "sequence 1 (SEQ ID No:24) at" with -- alternative intron/exon 1 (SEQ ID No:24) following--.

Line 15-16, replace "sequence 2 comprising SEQ ID No:29 at" with --alternative intron/exon 2 comprising SEQ ID No:29 at its 5' -end following--.

Line 18, replace "sequence 3 (SEQ ID No:31) at" with --alternative intron/exon 3 (SEQ ID No:31) following---.

Line 18-19, replace "SEQ ID NO: 1." with --SEQ ID No: 1;--

**In Claim 2:**

Line 1-2, replace "The nucleic acid molecule of Claim 1, wherein the nucleic acid molecule" with --An isolated nucleic acid molecule which--.

Line 4, insert --or-- following "80-82,".

**In Claim 3:**

Line 3, insert --or-- following "80-82,".

**In Claim 5:**

Line 1, insert --a peptide consisting of-- following "encoding".

**In Claim 11:**

Line 1, delete "specifically".

Line 3, insert --under the following stringency conditions: 1 M Na+, 5X SSPE, 0.5% SDS, 5X Denhardt's solution at 65 C-- following "according to claim 1".

Line 6, delete "31".

**MAILING ADDRESS OF SENDER (Please do not use customer number below):**

Carol Nottenburg  
814 32nd Avenue S  
Seattle WA 98144

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

AUG 23 2005

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 6,916,642B1

Page 2 of 3

APPLICATION NO.: 09/502,424

ISSUE DATE : July 12, 2005

INVENTOR(S) : Andrzej Kilian and David Bowtell

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**In Claim 15:**

Line 2, replace "region 1" with --alternative intron/exon 1--.  
 Line 3, replace "region alpha" with --alternative intron/exon alpha--.  
 Line 3, replace "region beta" with --alternative intron/exon beta--.  
 Line 4, replace "region 2" with --alternative intron/exon 2--.  
 Line 4, replace "region 3" with --alternative intron/exon 3--.

**In Claim 18:**

Line 1, insert --1-- following "claims".

**In Claim 22:**

Line 3-4, replace "sequence 3 (SEQ ID No:31) at" with --alternative intron/exon 3 (SEQ ID No:31) following--.

**In Claim 26:**

Line 2, replace "region 1" with --alternative intron/exon 1--.  
 Line 3, replace "region alpha" with --alternative intron/exon alpha--.  
 Line 3, replace "region beta" with --alternative intron/exon beta--.  
 Line 4, replace "region 2" with --alternative intron/exon 2--.  
 Line 4, replace "region 3" with --alternative intron/exon 3--.  
 Line 4-5, replace "region X" with --and alternative intron/exon X--.

**MAILING ADDRESS OF SENDER (Please do not use customer number below):**

Carol Nottenburg  
 814 32nd Avenue S  
 Seattle WA 98144

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

AUG 23 2005

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

PATENT NO. : 6,916,642B1

Page 3 of 3

APPLICATION NO.: 09/502,424

ISSUE DATE : July 12, 2005

INVENTOR(S) : Andrzej Kilian and David Bowtell

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

## In Claim 26:

Line 1, replace "nucleotide" with --oligonucleotide--.

## In Claim 27:

Line 10, replace "region 1" with --alternative intron/exon 1--.

Line 11, replace "region beta" with --alternative intron/exon beta--.

Line 13, replace "region 2" with --alternative intron/exon 2--.

Line 15, replace "region 3" with --alternative intron/exon 3--.

Line 16, replace "region X" with --alternative intron/exon X--.

## In Claim 28:

Line 10, replace "region 1" with --alternative intron/exon 1--.

Line 11, replace "region alpha" with --alternative intron/exon alpha--.

Line 13, replace "region beta" with --alternative intron/exon beta--.

Line 15, replace "region 2" with --alternative intron/exon 2--.

Line 16, replace "region 3" with --alternative intron/exon 3--.

Line 18, replace "region X" with --alternative intron/exon X--.

Line 19, replace "region Y" with --alternative intron/exon Y--.

## MAILING ADDRESS OF SENDER (Please do not use customer number below):

Carol Nottenburg  
814 32nd Avenue S  
Seattle WA 98144

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

FATIGUE 9/9/2005  
AUG 23 2005